Rui Xu

List of Publications by Year
in descending order

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23 papers	5,698 citations	840585 11 h-index	1199470 12 g-index
25 all docs	25 docs citations	25 times ranked	5662 citing authors

#	Article	IF	Citations
1	A Comparison of GANs-Based Approaches for Combustor System Fault Detection. , 2020, , .		5
2	Continuous Modeling of Power Plant Performance with Regularized Extreme Learning Machine. , 2019, , .		4
3	A Cluster-Based Method for Calculating Baselines for Residential Loads. IEEE Transactions on Smart Grid, 2016, 7, 2368-2377.	6.2	82
4	A Comparison Study of Validity Indices on Swarm-Intelligence-Based Clustering. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1243-1256.	5.5	99
5	BARTMAP: A viable structure for biclustering. Neural Networks, 2011, 24, 709-716.	3.3	39
6	Clustering of high-dimensional gene expression data with feature filtering methods and diffusion maps. Artificial Intelligence in Medicine, 2010, 48, 91-98.	3.8	35
7	Clustering with differential evolution particle swarm optimization. , 2010, , .		19
8	Clustering Algorithms in Biomedical Research: A Review. IEEE Reviews in Biomedical Engineering, 2010, 3, 120-154.	13.1	272
9	Analysis of hyperspectral data with diffusion maps and Fuzzy ART. , 2009, , .		6
10	MicroRNA expression profile based cancer classification using Default ARTMAP. Neural Networks, 2009, 22, 774-780.	3.3	14
11	Using default ARTMAP for cancer classification with MicroRNA expression signatures. , 2009, , .		6
12	Clustering of High-Dimensional Gene Expression Data with Feature Filtering Methods and Diffusion Maps. , 2008, , .		3
13	Clustering of cancer tissues using diffusion maps and fuzzy ART with gene expression data. , 2008, , .		7
14	Applications of Diffusion Maps in Gene Expression Data-Based Cancer Diagnosis Analysis. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 4613-6.	0.5	12
15	Inference of Genetic Regulatory Networks with Recurrent Neural Network Models Using Particle Swarm Optimization. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2007, 4, 681-692.	1.9	153
16	Multiclass Cancer Classification Using Semisupervised Ellipsoid ARTMAP and Particle Swarm Optimization with Gene Expression Data. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2007, 4, 65-77.	1.9	68
17	Modeling of gene regulatory networks with hybrid differential evolution and particle swarm optimization. Neural Networks, 2007, 20, 917-927.	3.3	110
18	Gene Expression Data for DLBCL Cancer Survival Prediction with A Combination of Machine Learning Technologies. , 2005, 2006, 894-7.		7

#	Article	IF	Citations
19	Survey of Clustering Algorithms. IEEE Transactions on Neural Networks, 2005, 16, 645-678.	4.8	4,416
20	A statistical solution to a text decoding challenge problem. , 0, , .		0
21	Probabilistic neural networks for multi-class tissue discrimination with gene expression data. , 0, , .		1
22	Inference of genetic regulatory networks from time series gene expression data. , 0, , .		3
23	Hybrid of Neural Classifier and Swarm Intelligence in Multiclass Cancer Diagnosis with Gene Expression Signatures. , 0, , 1-20.		1